

Attorney Docket No.: SJ-0011
Inventors: Danks et al.
Serial No.: 09/622,568
Filing Date: August 31, 2000
Page 3

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-22 (canceled).

Claim 23 (previously presented): A method for promoting the cleavage of an ester or carbamate linkage of a prodrug to form an active drug in a cell or organism comprising administering to a cell or organism a prodrug comprising an ester or carbamate linkage and a rabbit carboxylesterase recombinantly produced by expressing a polynucleotide encoding SEQ ID NO:21 wherein said rabbit carboxylesterase is capable of cleaving the ester or carbamate linkage of the prodrug, and forming an active drug in the cell or organism.

Claim 24 (canceled).

Claims 25 (previously presented): The method of claim 23 wherein said prodrug is irinotecan, 7-ethyl-10-[4-(1-piperidino)-1-piperidinol carbonyloxycamptothecin (CPT-11) or 7-ethyl-10-[4-N-(5-aminopentanoic acid)-1-piperidinol carbonylcampothecin (APC).

Claim 26 (canceled).

Claim 27 (previously presented): The method of claim 23 wherein said organism is human.

Attorney Docket No.: SJ-0011
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Page 4

Claim 28 (original): The method of claim 23 wherein said prodrug is administered prior to administration of said carboxylesterase.

Claim 29 (original): The method of claim 23 wherein said carboxylesterase is administered prior to administration of said prodrug.

Claims 30-31 (canceled).